Модель базы данных билетной системы

## Adress

Таблица адресов

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| Adress | string |  | Строка адреса |

## Customer

Таблица ссылок на пользователей

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| CustomerID | string |  | Идентификатор пользователя из БД пользователей |

## Event

Таблица мероприятия

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| EventName | string |  | Название мероприятия |
| id\_PlaceHall | int | FK | Ссылка на местопроведение мероприятия |
| DateStartSold | datetime |  | дата начала продаж |
| DateStopSold | datetime |  | Дата окончания продаж |
| EventDate | datetime |  | Дата события |
| Text | string |  | Текстовое описание |
| id\_Style | int | FK | Ссылка на тип мероприятия |
| TicketReturn | datetime |  | Дата, до которой можно вернуть билет |

## EventLog

Таблица изменений мероприятия

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| id\_Event | int | FK | Ссылка на мероприятие |
| id\_User | int | FK | Сслыка на пользователя, который произвел изменение |
| Changefrom | string |  | Значение параметра до изменений |
| ChangeTo | string |  | Значение параметра после изменения |
| Date | datetime |  | Дата внесения изменения |

## EventStyle

Таблица типов мероприятя

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| Name | string |  | Название типа мероприятя |

## OrderLog

Таблица изменений заказа

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| Date | datetime | PK | идентификатор, дата создания события |
| id\_Order | int | FK | Ссылка на заказ |
| id\_OrderStatus | int | FK | Статус, на который изменилось значение |

## Orders

Таблица заказов

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| id\_Ticket | int | FK | Ссылка на покупаемый билет |
| id\_Customer | int | FK | Ссылка на пользователя |
| Date | datetime |  | Дата создания заявки |
| id\_Status | int | FK | Ссылка на статус |
| Cost | money |  | Стоимость продажи |
| id\_PaymentMethod | int | FK | Ссылка на метод оплаты |
| DatePay | datetime |  | Дата оплаты |
| isClosed | bit |  | Погашен ли билет |
| isDelivered | bit |  | Доставлен ли билет |
| isPaper | bit |  | Требуется ли билет в бумажном виде |

## OrderStatus

Таблица статусов заказов

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| Name | string |  | Название статуса |

## PaymentMethod

Таблица методов оплаты

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| Name | string |  | Название типа оплаты |

## Place

Таблица мест проведения

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| Name | string |  | Название площадки |
| id\_Adress | int | FK | Ссылка на адрес |

## PlaceHall

Таблица залов

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| Name | string |  | Название зала |
| id\_PlaceKorp | int | FK | Ссылка на корпус площадки |

## PlaceKorp

Таблица корпусов

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| Name | string |  | Название корпуса |
| id\_Place | int | FK | Ссылка на площадку |

## PlacePart

Таблица частей зала

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| PartName | string |  | Название площадки |
| id\_Hall | int | FK | Ссылка на зал |
| PartInsights | string |  | Сериализованные данные по местам |
| Floor | int |  | Этаж |

## PlacePersons

Таблица ответственных лиц площадок

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| id\_Place | string | FK | Ссылка на площадку |
| Name | string |  | Имя |
| Phone | string |  | Телефон |
| Comment | string |  | Комментарий |

## PlaceType

Таблица типов площадок

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| PlaceType | string |  | Название типа площадки |

## PlaceTypeLinks

Таблица связи площадок и типов “многое ко многим”

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id\_Place | int | FK | Ссылка на площадку |
| id\_PlaceType | int | FK | Ссылка на тип |

## TagsLinks

Таблица связи тегов “многое ко многим”

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id\_Event | int | FK | Ссылка на событие |
| id\_Tag | int | FK | Ссылка на тег |

## Tags

Теги мероприятия

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| Tag | string |  | Тег |

## Ticket

Таблица билетов

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| id\_Event | int | FK | Идентификатор пользователя из БД пользователей |
| id\_PlacePart | int | FK | Ссылка на часть зала |
| Rank | int |  | ряд |
| Place | int |  | место |
| Cost | money |  | стоимость |
| ServiceFee | money |  | сервисный сбор |
| id\_Status | int | FK | ссылка на статус |
| TicketGuid | uniqueindefiner |  | идентификатор билета |

## TicketChangeLog

Таблица лога изменения статуса билета

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | uniqueidentifier | PK | идентификатор |
| id\_User | int |  | ссылка на пользователя |
| Date | datetime |  | дата и время |
| id\_Ticket | int |  | ссылка на билет |
| ChangeFrom | string |  | старое значение |
| ChangeTo | string |  | на что было изменено |

## TicketStatus

Таблица статусов билетов

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| StatusName | string |  | Название статуса |
| EnableSale | bit |  | Флаг разрешения к продаже |

## UserRoles

Таблица ролей пользователей

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| RoleText | string |  | Название роли |
| RoleID | int |  | Идентификатор роли |
| RoleLevel | int |  | Уровень роли |

## Users

Таблица пользователей

|  |  |  |  |
| --- | --- | --- | --- |
| Название | Тип данных | Тег | описание |
| id | int | PK | идентификатор, автоинкремент |
| UserName | string |  | имя пользователя |
| UserLogin | string |  | логин пользователя |
| LastEnter | datetime |  | дата последнего входа |
| UserPhone | string |  | телефон |
| UserMail | string |  | мыло |
| UserRank | string |  | Должность |
| Password | string |  | хэш пароля |

Скрипт созадния БД

USE [master]

GO

/\*\*\*\*\*\* Object: Database [Getticket] \*\*\*\*\*\*/

CREATE DATABASE [Getticket]

CONTAINMENT = NONE

ON PRIMARY

( NAME = N'Getticket', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL12.SQLEXPRESS\MSSQL\DATA\Getticket.mdf' , SIZE = 5120KB , MAXSIZE = UNLIMITED, FILEGROWTH = 1024KB )

LOG ON

( NAME = N'Getticket\_log', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL12.SQLEXPRESS\MSSQL\DATA\Getticket\_log.ldf' , SIZE = 1024KB , MAXSIZE = 2048GB , FILEGROWTH = 10%)

GO

ALTER DATABASE [Getticket] SET COMPATIBILITY\_LEVEL = 120

GO

IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))

begin

EXEC [Getticket].[dbo].[sp\_fulltext\_database] @action = 'enable'

end

GO

ALTER DATABASE [Getticket] SET ANSI\_NULL\_DEFAULT OFF

GO

ALTER DATABASE [Getticket] SET ANSI\_NULLS OFF

GO

ALTER DATABASE [Getticket] SET ANSI\_PADDING OFF

GO

ALTER DATABASE [Getticket] SET ANSI\_WARNINGS OFF

GO

ALTER DATABASE [Getticket] SET ARITHABORT OFF

GO

ALTER DATABASE [Getticket] SET AUTO\_CLOSE OFF

GO

ALTER DATABASE [Getticket] SET AUTO\_SHRINK OFF

GO

ALTER DATABASE [Getticket] SET AUTO\_UPDATE\_STATISTICS ON

GO

ALTER DATABASE [Getticket] SET CURSOR\_CLOSE\_ON\_COMMIT OFF

GO

ALTER DATABASE [Getticket] SET CURSOR\_DEFAULT GLOBAL

GO

ALTER DATABASE [Getticket] SET CONCAT\_NULL\_YIELDS\_NULL OFF

GO

ALTER DATABASE [Getticket] SET NUMERIC\_ROUNDABORT OFF

GO

ALTER DATABASE [Getticket] SET QUOTED\_IDENTIFIER OFF

GO

ALTER DATABASE [Getticket] SET RECURSIVE\_TRIGGERS OFF

GO

ALTER DATABASE [Getticket] SET DISABLE\_BROKER

GO

ALTER DATABASE [Getticket] SET AUTO\_UPDATE\_STATISTICS\_ASYNC OFF

GO

ALTER DATABASE [Getticket] SET DATE\_CORRELATION\_OPTIMIZATION OFF

GO

ALTER DATABASE [Getticket] SET TRUSTWORTHY OFF

GO

ALTER DATABASE [Getticket] SET ALLOW\_SNAPSHOT\_ISOLATION OFF

GO

ALTER DATABASE [Getticket] SET PARAMETERIZATION SIMPLE

GO

ALTER DATABASE [Getticket] SET READ\_COMMITTED\_SNAPSHOT OFF

GO

ALTER DATABASE [Getticket] SET HONOR\_BROKER\_PRIORITY OFF

GO

ALTER DATABASE [Getticket] SET RECOVERY SIMPLE

GO

ALTER DATABASE [Getticket] SET MULTI\_USER

GO

ALTER DATABASE [Getticket] SET PAGE\_VERIFY CHECKSUM

GO

ALTER DATABASE [Getticket] SET DB\_CHAINING OFF

GO

ALTER DATABASE [Getticket] SET FILESTREAM( NON\_TRANSACTED\_ACCESS = OFF )

GO

ALTER DATABASE [Getticket] SET TARGET\_RECOVERY\_TIME = 0 SECONDS

GO

ALTER DATABASE [Getticket] SET DELAYED\_DURABILITY = DISABLED

GO

USE [Getticket]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Adress] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[Adress](

[id] [int] IDENTITY(1,1) NOT NULL,

[Adress] [varchar](1000) NULL,

CONSTRAINT [PK\_Adress] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[Customer] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Customer](

[id] [int] IDENTITY(1,1) NOT NULL,

[CustomerID] [uniqueidentifier] NOT NULL,

CONSTRAINT [PK\_Customer] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Event] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[Event](

[id] [int] IDENTITY(1,1) NOT NULL,

[EventName] [varchar](1000) NOT NULL,

[id\_PlaceHall] [int] NOT NULL,

[DateStartSold] [datetime] NOT NULL,

[DateStopSold] [datetime] NOT NULL,

[EventDate] [datetime] NOT NULL,

[Text] [varchar](max) NOT NULL,

[id\_Style] [int] NOT NULL,

[TicketReturn] [datetime] NOT NULL,

CONSTRAINT [PK\_Event] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY] TEXTIMAGE\_ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[EventLog] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[EventLog](

[id] [int] IDENTITY(1,1) NOT NULL,

[id\_Event] [int] NOT NULL,

[id\_User] [int] NOT NULL,

[Changefrom] [varchar](max) NOT NULL,

[ChangeTo] [varchar](max) NOT NULL,

[Date] [datetime] NOT NULL,

CONSTRAINT [PK\_EventLog] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY] TEXTIMAGE\_ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[EventStyle] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[EventStyle](

[id] [int] IDENTITY(1,1) NOT NULL,

[Name] [varchar](1000) NOT NULL,

CONSTRAINT [PK\_EventStyle] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[OrderLog] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[OrderLog](

[Date] [datetime] NOT NULL,

[id\_Order] [int] NOT NULL,

[id\_OrderStatus] [int] NOT NULL,

CONSTRAINT [PK\_OrderLog] PRIMARY KEY CLUSTERED

(

[Date] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Orders] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Orders](

[id] [int] NOT NULL,

[id\_Ticket] [int] NOT NULL,

[id\_Customer] [int] NOT NULL,

[Date] [datetime] NOT NULL,

[id\_Status] [int] NOT NULL,

[Cost] [money] NOT NULL,

[id\_PaymentMethod] [int] NOT NULL,

[DatePay] [datetime] NOT NULL,

[isClosed] [bit] NOT NULL,

[isDelivered] [bit] NOT NULL,

[isPaper] [bit] NOT NULL,

CONSTRAINT [PK\_Orders] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[OrderStatus] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[OrderStatus](

[id] [int] IDENTITY(1,1) NOT NULL,

[Name] [varchar](200) NOT NULL,

CONSTRAINT [PK\_OrderStatus] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[PaymentMethod] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[PaymentMethod](

[id] [int] IDENTITY(1,1) NOT NULL,

[Name] [varchar](500) NOT NULL,

CONSTRAINT [PK\_PaymentMethod] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[Place] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[Place](

[id] [int] IDENTITY(1,1) NOT NULL,

[Name] [varchar](500) NOT NULL,

[id\_Adress] [int] NOT NULL,

CONSTRAINT [PK\_Place] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[PlaceHall] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[PlaceHall](

[id] [int] IDENTITY(1,1) NOT NULL,

[Name] [varchar](500) NOT NULL,

[id\_PlaceKorp] [int] NOT NULL,

CONSTRAINT [PK\_PlaceHall] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[PlaceKorp] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[PlaceKorp](

[id] [int] IDENTITY(1,1) NOT NULL,

[Korp] [varchar](500) NOT NULL,

[id\_Place] [int] NOT NULL,

CONSTRAINT [PK\_PlaceKorp] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[PlacePart] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[PlacePart](

[id] [int] IDENTITY(1,1) NOT NULL,

[PartName] [varchar](200) NOT NULL,

[id\_Hall] [int] NOT NULL,

[PartInsights] [varchar](max) NOT NULL,

[Floor] [int] NOT NULL,

CONSTRAINT [PK\_PlacePart] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY] TEXTIMAGE\_ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[PlacePersons] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[PlacePersons](

[id] [int] IDENTITY(1,1) NOT NULL,

[id\_Place] [int] NOT NULL,

[Name] [varchar](200) NOT NULL,

[Phone] [varchar](200) NOT NULL,

[Comment] [varchar](max) NULL,

CONSTRAINT [PK\_PlacePersons] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY] TEXTIMAGE\_ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[PlaceType] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[PlaceType](

[id] [int] IDENTITY(1,1) NOT NULL,

[PlaceType] [varchar](500) NOT NULL,

CONSTRAINT [PK\_PlaceType] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[PlaceTypeLinks] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[PlaceTypeLinks](

[id\_Place] [int] NOT NULL,

[id\_PlaceType] [int] NOT NULL

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[TagLinks] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[TagLinks](

[id\_Event] [int] NOT NULL,

[id\_Tag] [int] NOT NULL

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Tags] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[Tags](

[id] [int] IDENTITY(1,1) NOT NULL,

[Tag] [varchar](500) NOT NULL,

CONSTRAINT [PK\_Tags] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[Ticket] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Ticket](

[id] [int] IDENTITY(1,1) NOT NULL,

[id\_Event] [int] NOT NULL,

[id\_PlacePart] [int] NOT NULL,

[Rank] [int] NULL,

[Place] [int] NULL,

[Cost] [money] NOT NULL,

[ServiceFee] [money] NOT NULL,

[id\_Status] [int] NOT NULL,

[TicketGuid] [uniqueidentifier] NOT NULL,

CONSTRAINT [PK\_Ticket] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[TicketChangeLog] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[TicketChangeLog](

[id] [uniqueidentifier] NOT NULL,

[id\_User] [int] NOT NULL,

[Date] [datetime] NOT NULL,

[id\_Ticket] [int] NOT NULL,

[ChangeFrom] [varchar](max) NOT NULL,

[ChangeTo] [varchar](max) NOT NULL,

CONSTRAINT [PK\_TicketChangeLog] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY] TEXTIMAGE\_ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[TicketStatus] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[TicketStatus](

[id] [int] IDENTITY(1,1) NOT NULL,

[StatusName] [varchar](500) NOT NULL,

[EnableSale] [bit] NOT NULL,

CONSTRAINT [PK\_TicketStatus] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[UserRoles] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[UserRoles](

[id] [int] IDENTITY(1,1) NOT NULL,

[RoleText] [varchar](500) NOT NULL,

[RoleID] [int] NOT NULL,

[RoleLevel] [int] NOT NULL,

CONSTRAINT [PK\_UserRoles] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[Users] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[Users](

[id] [int] IDENTITY(1,1) NOT NULL,

[UserName] [varchar](500) NOT NULL,

[UserLogin] [varchar](200) NOT NULL,

[LastEnter] [varchar](200) NULL,

[UserPhone] [varchar](100) NOT NULL,

[UserMail] [varchar](200) NOT NULL,

[UserRank] [varchar](200) NOT NULL,

[Password] [varchar](500) NOT NULL,

CONSTRAINT [PK\_Users] PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[UsersInRoles] Script Date: 20.04.2016 23:33:17 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[UsersInRoles](

[id\_User] [int] NOT NULL,

[id\_Role] [int] NOT NULL

) ON [PRIMARY]

GO

ALTER TABLE [dbo].[Event] WITH CHECK ADD CONSTRAINT [FK\_Event\_EventStyle] FOREIGN KEY([id\_Style])

REFERENCES [dbo].[EventStyle] ([id])

GO

ALTER TABLE [dbo].[Event] CHECK CONSTRAINT [FK\_Event\_EventStyle]

GO

ALTER TABLE [dbo].[EventLog] WITH CHECK ADD CONSTRAINT [FK\_EventLog\_Event] FOREIGN KEY([id\_Event])

REFERENCES [dbo].[Event] ([id])

GO

ALTER TABLE [dbo].[EventLog] CHECK CONSTRAINT [FK\_EventLog\_Event]

GO

ALTER TABLE [dbo].[EventLog] WITH CHECK ADD CONSTRAINT [FK\_EventLog\_Users] FOREIGN KEY([id\_User])

REFERENCES [dbo].[Users] ([id])

GO

ALTER TABLE [dbo].[EventLog] CHECK CONSTRAINT [FK\_EventLog\_Users]

GO

ALTER TABLE [dbo].[OrderLog] WITH CHECK ADD CONSTRAINT [FK\_OrderLog\_Orders] FOREIGN KEY([id\_Order])

REFERENCES [dbo].[Orders] ([id])

GO

ALTER TABLE [dbo].[OrderLog] CHECK CONSTRAINT [FK\_OrderLog\_Orders]

GO

ALTER TABLE [dbo].[OrderLog] WITH CHECK ADD CONSTRAINT [FK\_OrderLog\_OrderStatus] FOREIGN KEY([id\_OrderStatus])

REFERENCES [dbo].[OrderStatus] ([id])

GO

ALTER TABLE [dbo].[OrderLog] CHECK CONSTRAINT [FK\_OrderLog\_OrderStatus]

GO

ALTER TABLE [dbo].[Orders] WITH CHECK ADD CONSTRAINT [FK\_Orders\_Customer] FOREIGN KEY([id\_Customer])

REFERENCES [dbo].[Customer] ([id])

GO

ALTER TABLE [dbo].[Orders] CHECK CONSTRAINT [FK\_Orders\_Customer]

GO

ALTER TABLE [dbo].[Orders] WITH CHECK ADD CONSTRAINT [FK\_Orders\_PaymentMethod] FOREIGN KEY([id\_PaymentMethod])

REFERENCES [dbo].[PaymentMethod] ([id])

GO

ALTER TABLE [dbo].[Orders] CHECK CONSTRAINT [FK\_Orders\_PaymentMethod]

GO

ALTER TABLE [dbo].[Orders] WITH CHECK ADD CONSTRAINT [FK\_Orders\_Ticket] FOREIGN KEY([id\_Ticket])

REFERENCES [dbo].[Ticket] ([id])

GO

ALTER TABLE [dbo].[Orders] CHECK CONSTRAINT [FK\_Orders\_Ticket]

GO

ALTER TABLE [dbo].[Orders] WITH CHECK ADD CONSTRAINT [FK\_Orders\_TicketStatus] FOREIGN KEY([id\_Status])

REFERENCES [dbo].[TicketStatus] ([id])

GO

ALTER TABLE [dbo].[Orders] CHECK CONSTRAINT [FK\_Orders\_TicketStatus]

GO

ALTER TABLE [dbo].[Place] WITH CHECK ADD CONSTRAINT [FK\_Place\_Adress] FOREIGN KEY([id\_Adress])

REFERENCES [dbo].[Adress] ([id])

GO

ALTER TABLE [dbo].[Place] CHECK CONSTRAINT [FK\_Place\_Adress]

GO

ALTER TABLE [dbo].[PlaceHall] WITH CHECK ADD CONSTRAINT [FK\_PlaceHall\_PlaceKorp] FOREIGN KEY([id\_PlaceKorp])

REFERENCES [dbo].[PlaceKorp] ([id])

GO

ALTER TABLE [dbo].[PlaceHall] CHECK CONSTRAINT [FK\_PlaceHall\_PlaceKorp]

GO

ALTER TABLE [dbo].[PlaceKorp] WITH CHECK ADD CONSTRAINT [FK\_PlaceKorp\_Place] FOREIGN KEY([id\_Place])

REFERENCES [dbo].[Place] ([id])

GO

ALTER TABLE [dbo].[PlaceKorp] CHECK CONSTRAINT [FK\_PlaceKorp\_Place]

GO

ALTER TABLE [dbo].[PlacePart] WITH CHECK ADD CONSTRAINT [FK\_PlacePart\_PlaceHall] FOREIGN KEY([id\_Hall])

REFERENCES [dbo].[PlaceHall] ([id])

GO

ALTER TABLE [dbo].[PlacePart] CHECK CONSTRAINT [FK\_PlacePart\_PlaceHall]

GO

ALTER TABLE [dbo].[PlacePersons] WITH CHECK ADD CONSTRAINT [FK\_PlacePersons\_Place] FOREIGN KEY([id\_Place])

REFERENCES [dbo].[Place] ([id])

GO

ALTER TABLE [dbo].[PlacePersons] CHECK CONSTRAINT [FK\_PlacePersons\_Place]

GO

ALTER TABLE [dbo].[PlaceTypeLinks] WITH CHECK ADD CONSTRAINT [FK\_PlaceTypeLinks\_Place] FOREIGN KEY([id\_Place])

REFERENCES [dbo].[Place] ([id])

GO

ALTER TABLE [dbo].[PlaceTypeLinks] CHECK CONSTRAINT [FK\_PlaceTypeLinks\_Place]

GO

ALTER TABLE [dbo].[PlaceTypeLinks] WITH CHECK ADD CONSTRAINT [FK\_PlaceTypeLinks\_PlaceType] FOREIGN KEY([id\_PlaceType])

REFERENCES [dbo].[PlaceType] ([id])

GO

ALTER TABLE [dbo].[PlaceTypeLinks] CHECK CONSTRAINT [FK\_PlaceTypeLinks\_PlaceType]

GO

ALTER TABLE [dbo].[TagLinks] WITH CHECK ADD CONSTRAINT [FK\_TagLinks\_Event] FOREIGN KEY([id\_Event])

REFERENCES [dbo].[Event] ([id])

GO

ALTER TABLE [dbo].[TagLinks] CHECK CONSTRAINT [FK\_TagLinks\_Event]

GO

ALTER TABLE [dbo].[TagLinks] WITH CHECK ADD CONSTRAINT [FK\_TagLinks\_Tags] FOREIGN KEY([id\_Tag])

REFERENCES [dbo].[Tags] ([id])

GO

ALTER TABLE [dbo].[TagLinks] CHECK CONSTRAINT [FK\_TagLinks\_Tags]

GO

ALTER TABLE [dbo].[Ticket] WITH CHECK ADD CONSTRAINT [FK\_Ticket\_Event] FOREIGN KEY([id\_Event])

REFERENCES [dbo].[Event] ([id])

GO

ALTER TABLE [dbo].[Ticket] CHECK CONSTRAINT [FK\_Ticket\_Event]

GO

ALTER TABLE [dbo].[Ticket] WITH CHECK ADD CONSTRAINT [FK\_Ticket\_PlacePart] FOREIGN KEY([id\_PlacePart])

REFERENCES [dbo].[PlacePart] ([id])

GO

ALTER TABLE [dbo].[Ticket] CHECK CONSTRAINT [FK\_Ticket\_PlacePart]

GO

ALTER TABLE [dbo].[Ticket] WITH CHECK ADD CONSTRAINT [FK\_Ticket\_TicketStatus] FOREIGN KEY([id\_Status])

REFERENCES [dbo].[TicketStatus] ([id])

GO

ALTER TABLE [dbo].[Ticket] CHECK CONSTRAINT [FK\_Ticket\_TicketStatus]

GO

ALTER TABLE [dbo].[TicketChangeLog] WITH CHECK ADD CONSTRAINT [FK\_TicketChangeLog\_Ticket] FOREIGN KEY([id\_Ticket])

REFERENCES [dbo].[Ticket] ([id])

GO

ALTER TABLE [dbo].[TicketChangeLog] CHECK CONSTRAINT [FK\_TicketChangeLog\_Ticket]

GO

ALTER TABLE [dbo].[TicketChangeLog] WITH CHECK ADD CONSTRAINT [FK\_TicketChangeLog\_Users] FOREIGN KEY([id\_User])

REFERENCES [dbo].[Users] ([id])

GO

ALTER TABLE [dbo].[TicketChangeLog] CHECK CONSTRAINT [FK\_TicketChangeLog\_Users]

GO

ALTER TABLE [dbo].[UsersInRoles] WITH CHECK ADD CONSTRAINT [FK\_UsersInRoles\_UserRoles] FOREIGN KEY([id\_Role])

REFERENCES [dbo].[UserRoles] ([id])

GO

ALTER TABLE [dbo].[UsersInRoles] CHECK CONSTRAINT [FK\_UsersInRoles\_UserRoles]

GO

ALTER TABLE [dbo].[UsersInRoles] WITH CHECK ADD CONSTRAINT [FK\_UsersInRoles\_Users] FOREIGN KEY([id\_User])

REFERENCES [dbo].[Users] ([id])

GO

ALTER TABLE [dbo].[UsersInRoles] CHECK CONSTRAINT [FK\_UsersInRoles\_Users]

GO

USE [master]

GO

ALTER DATABASE [Getticket] SET READ\_WRITE

GO